

FIGURE 1

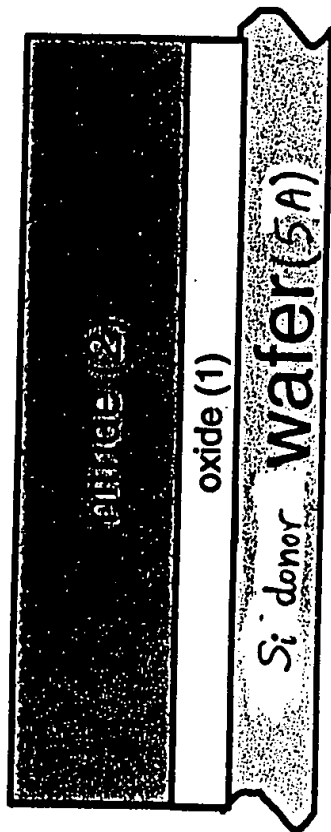


FIGURE 2

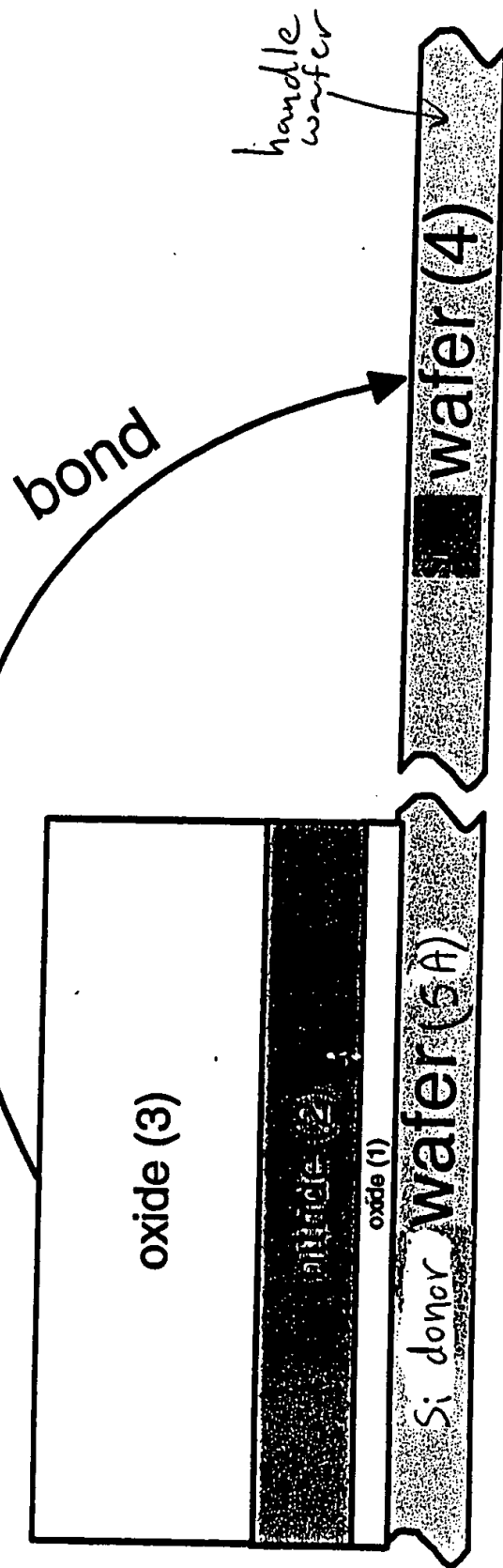


FIGURE 3

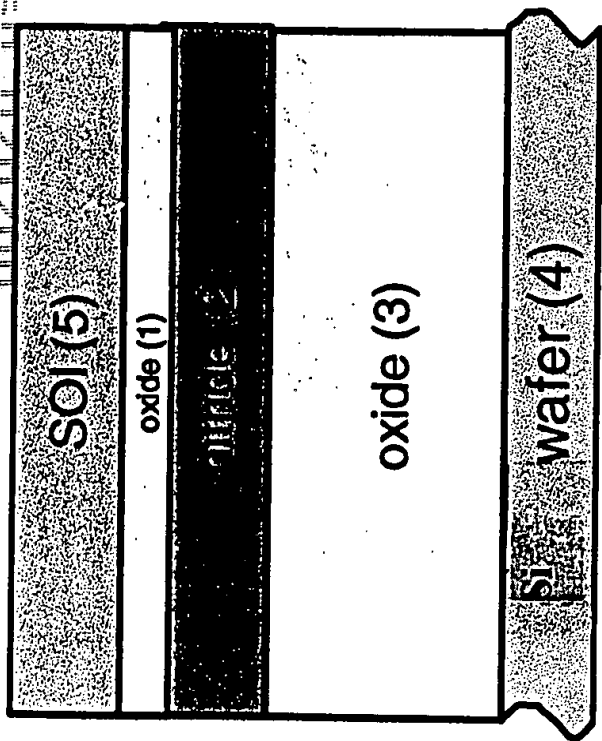


FIGURE 4

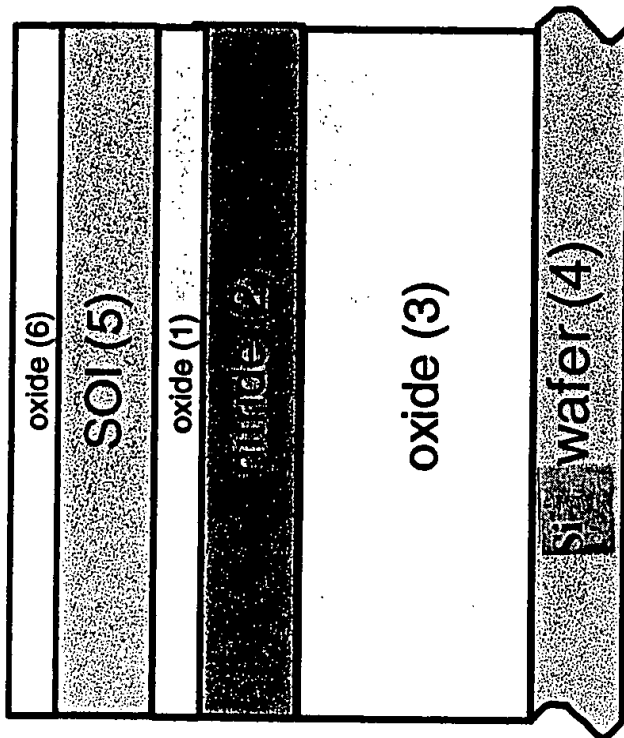


FIGURE 5

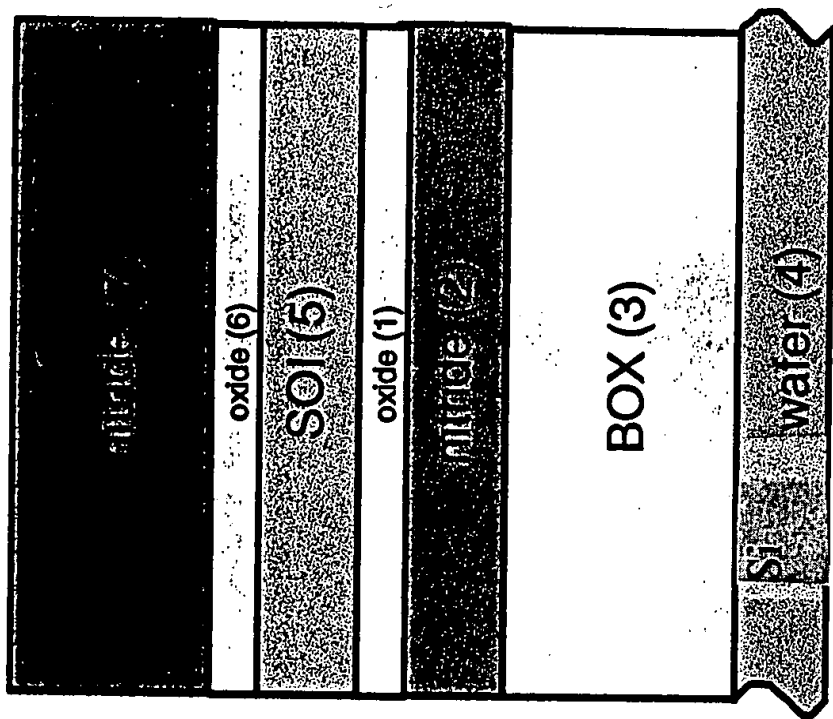


FIGURE 6

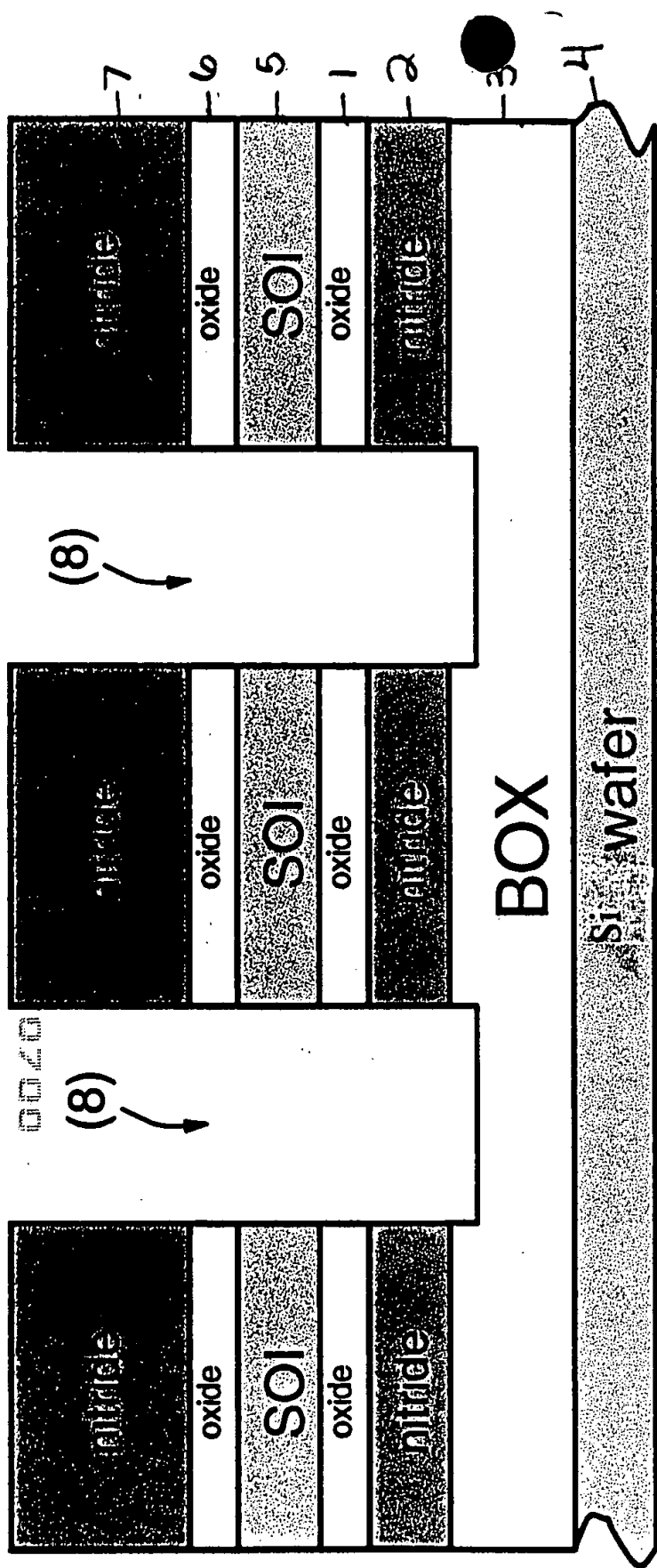


FIGURE 7

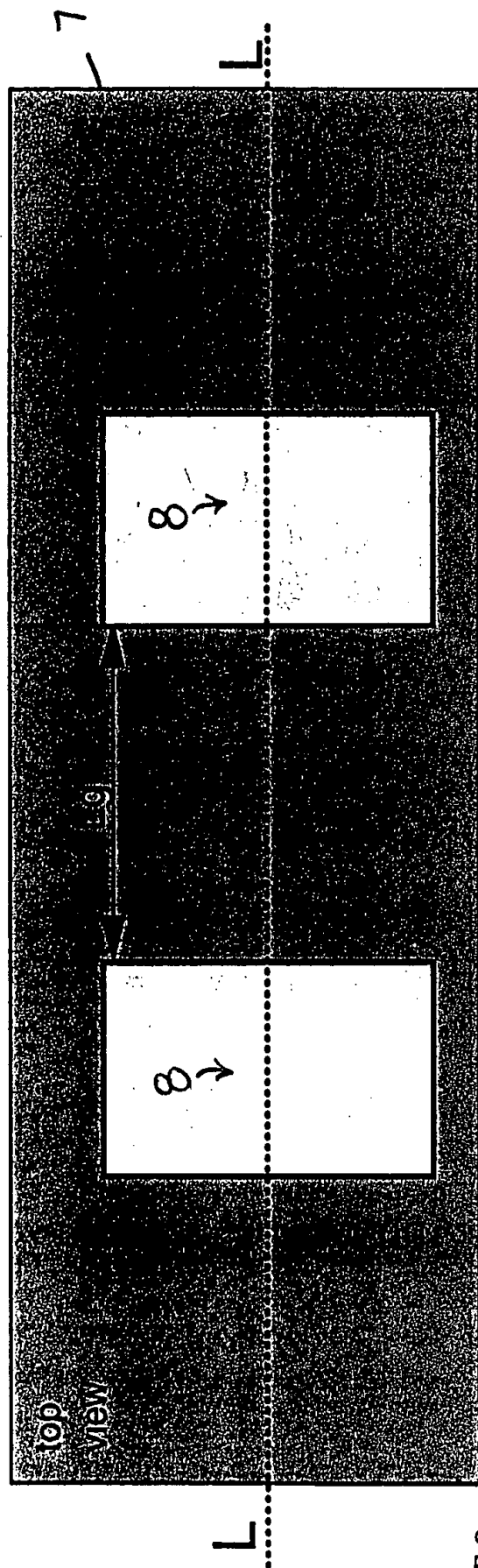


FIGURE 8

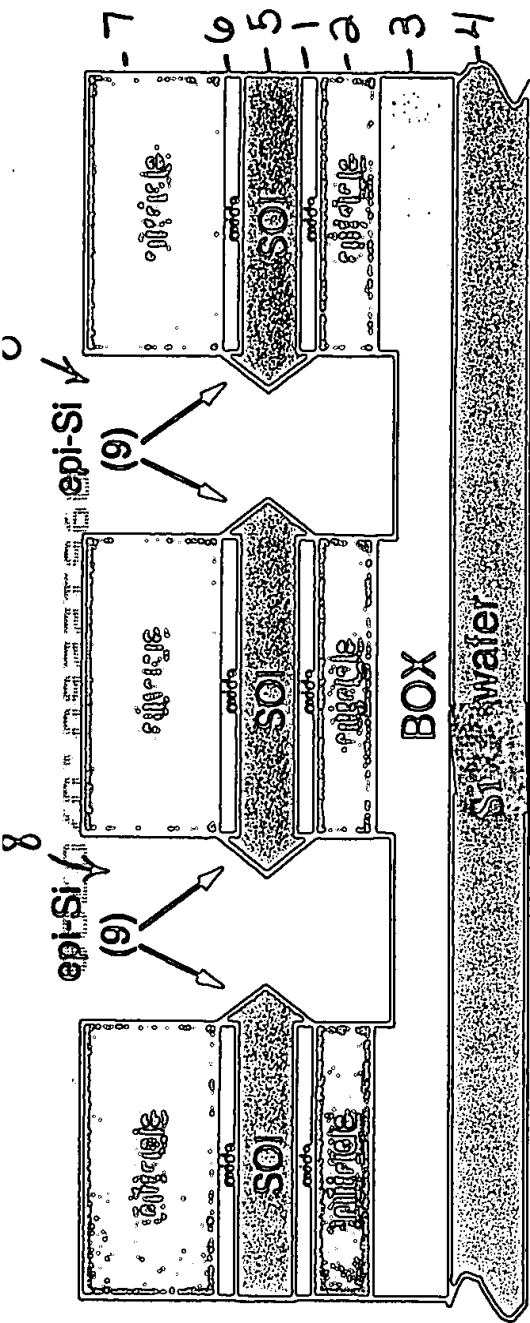


FIGURE 9

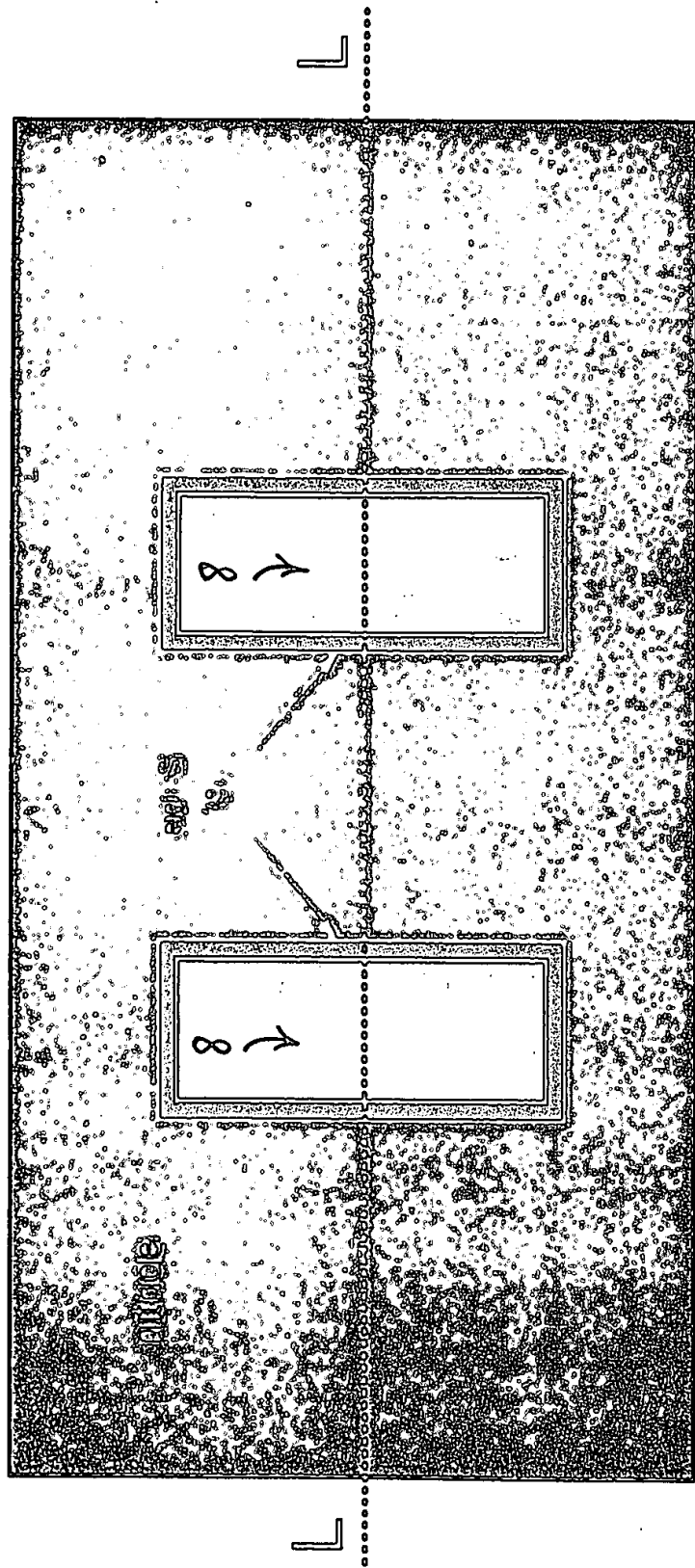


FIGURE 10

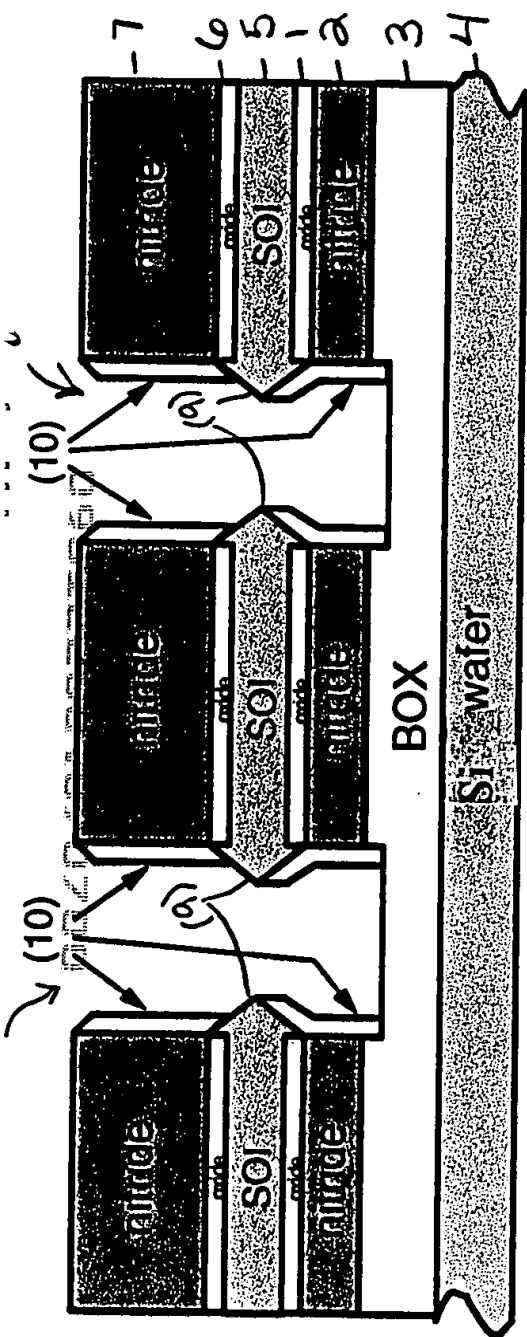


FIGURE 11

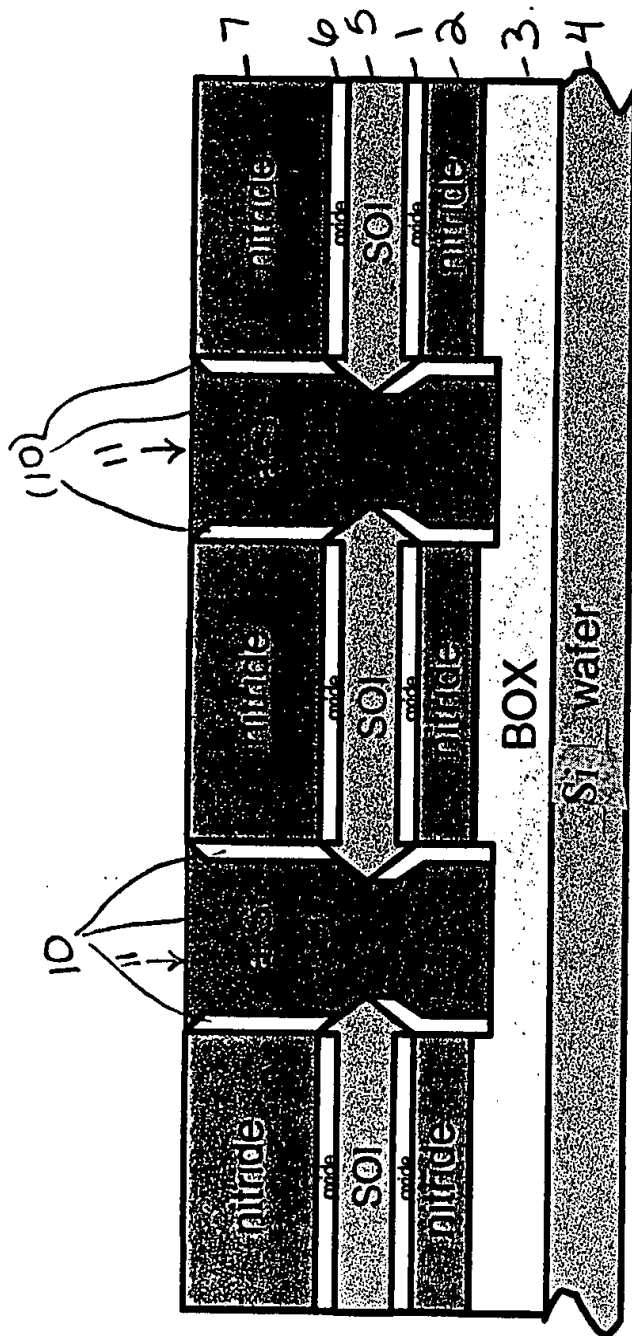


FIGURE 12

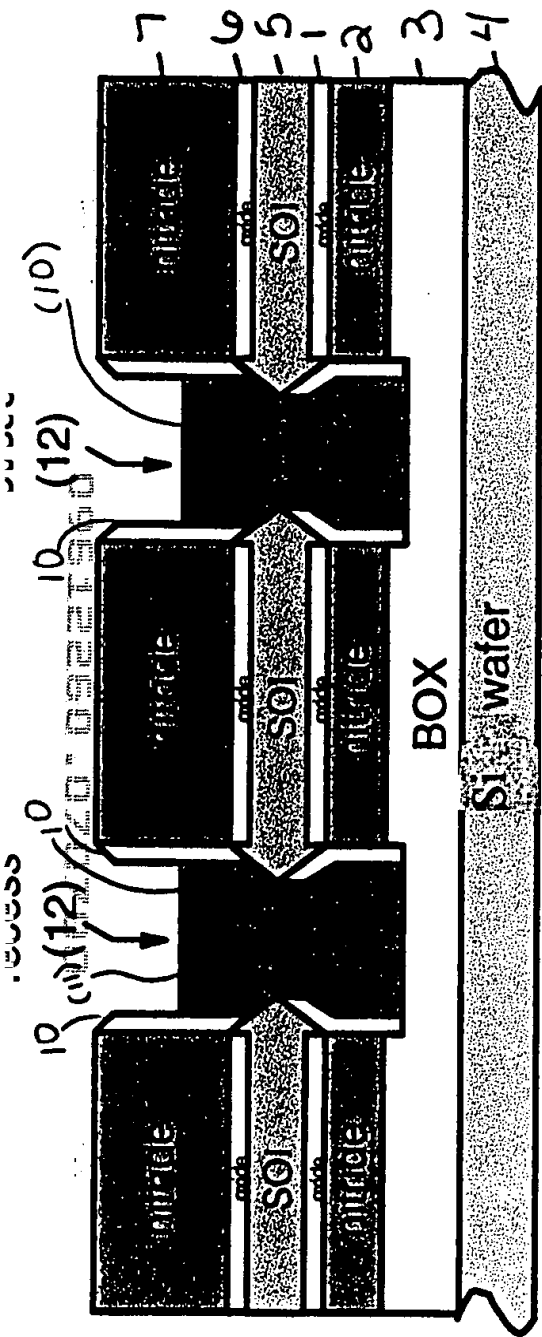


FIGURE 13

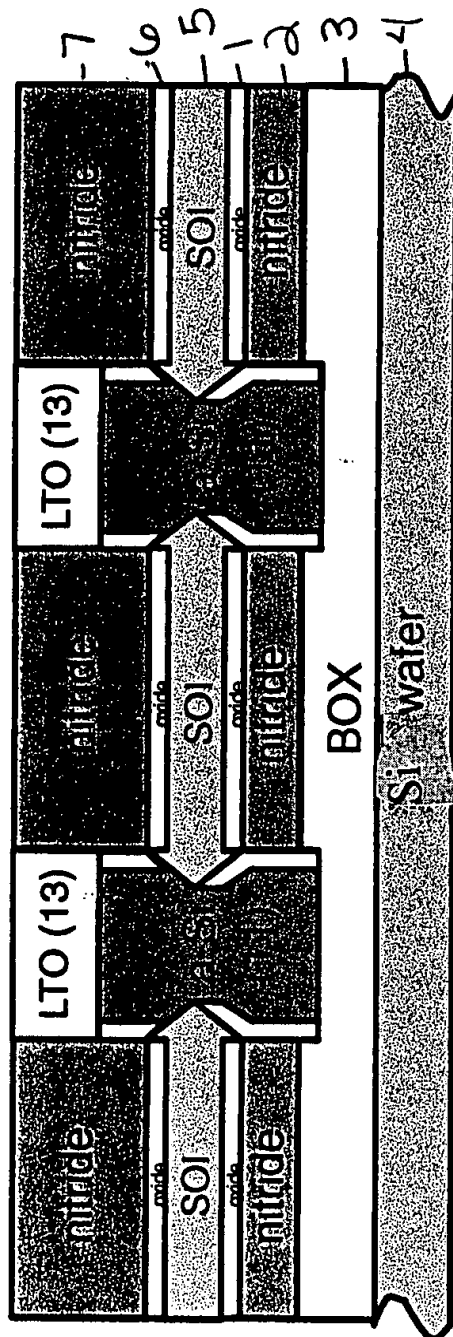


FIGURE 14

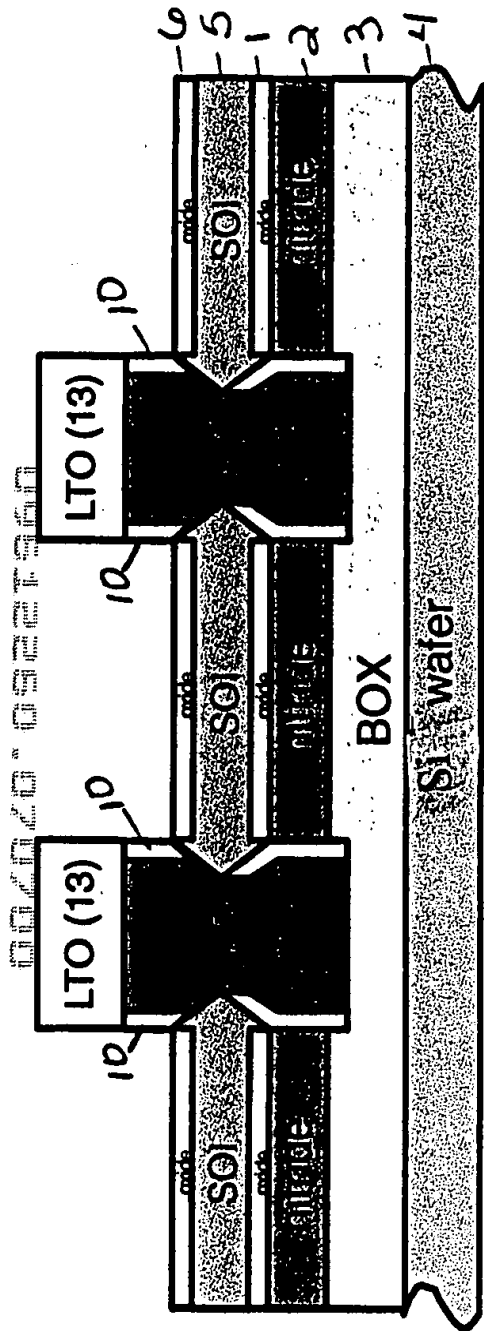


FIGURE 15

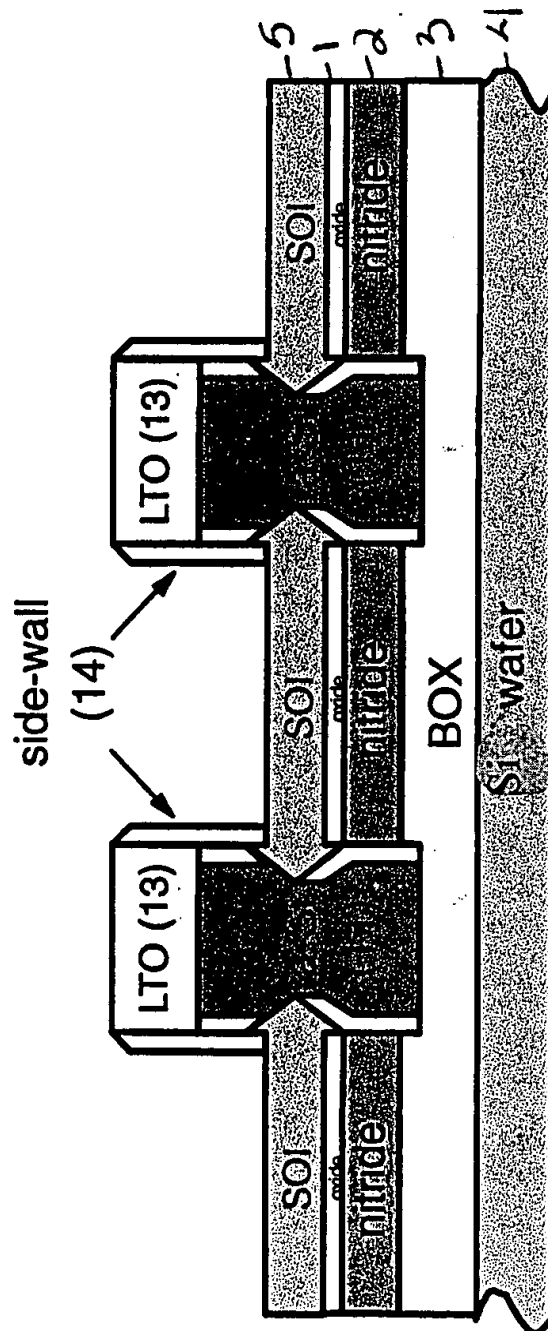


FIGURE 16

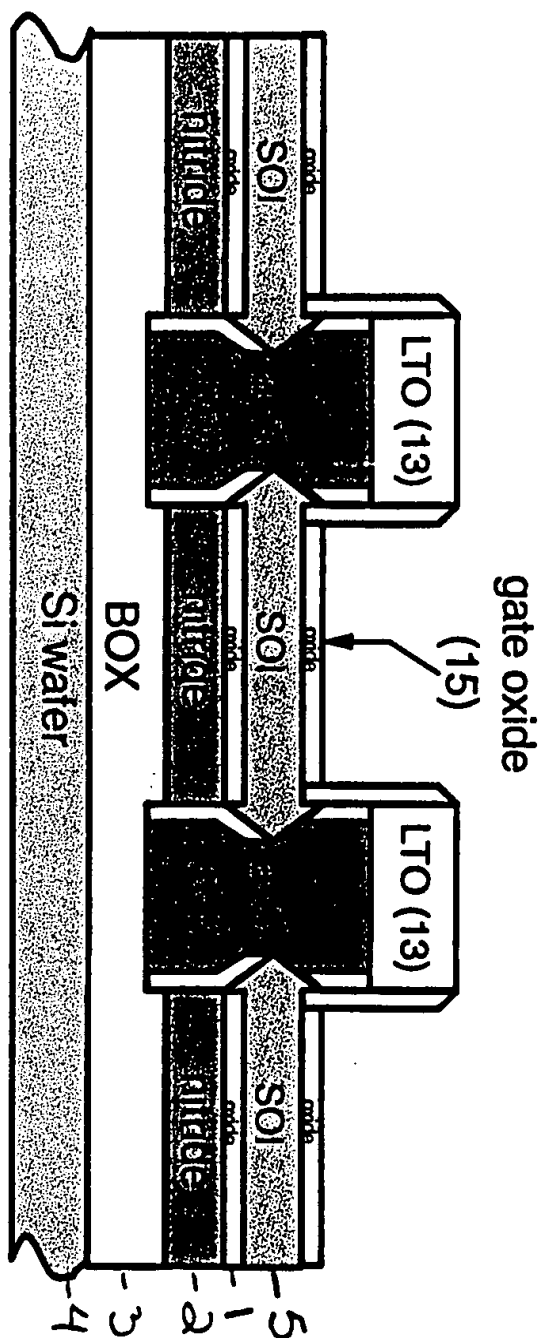


FIGURE 17

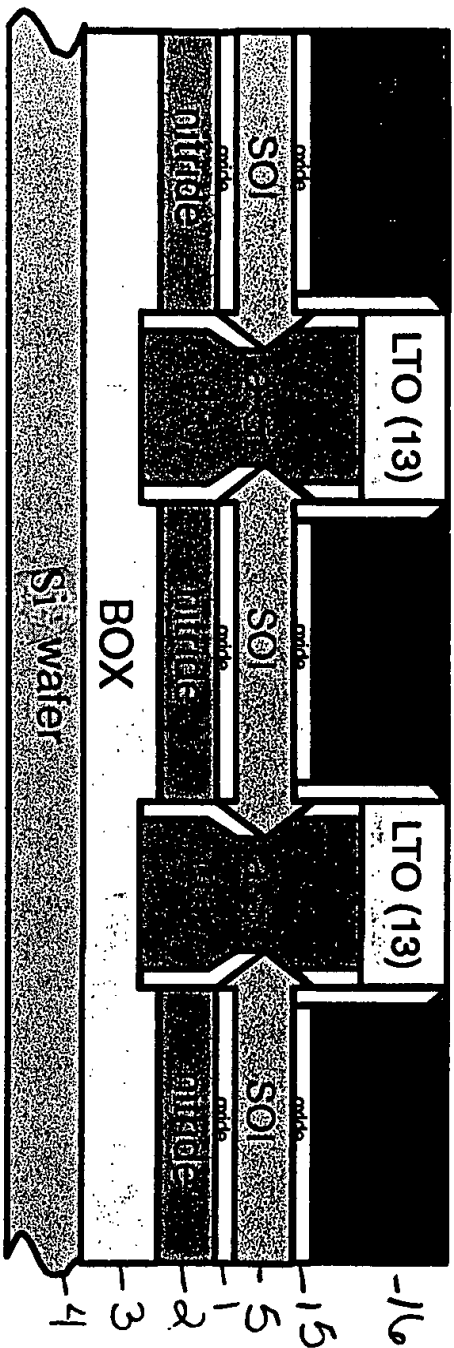
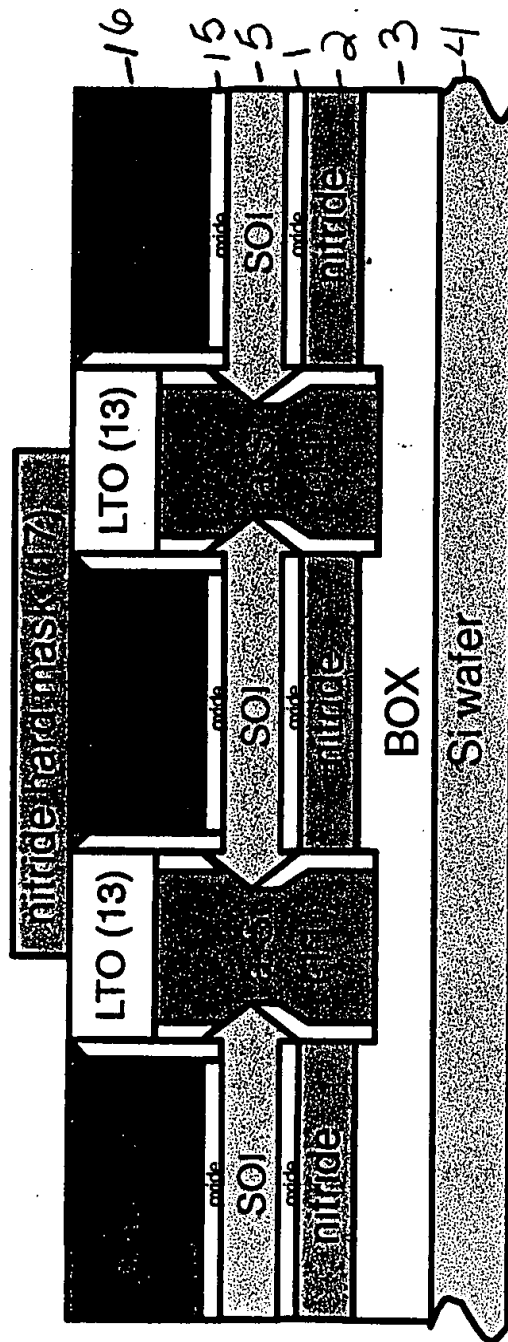
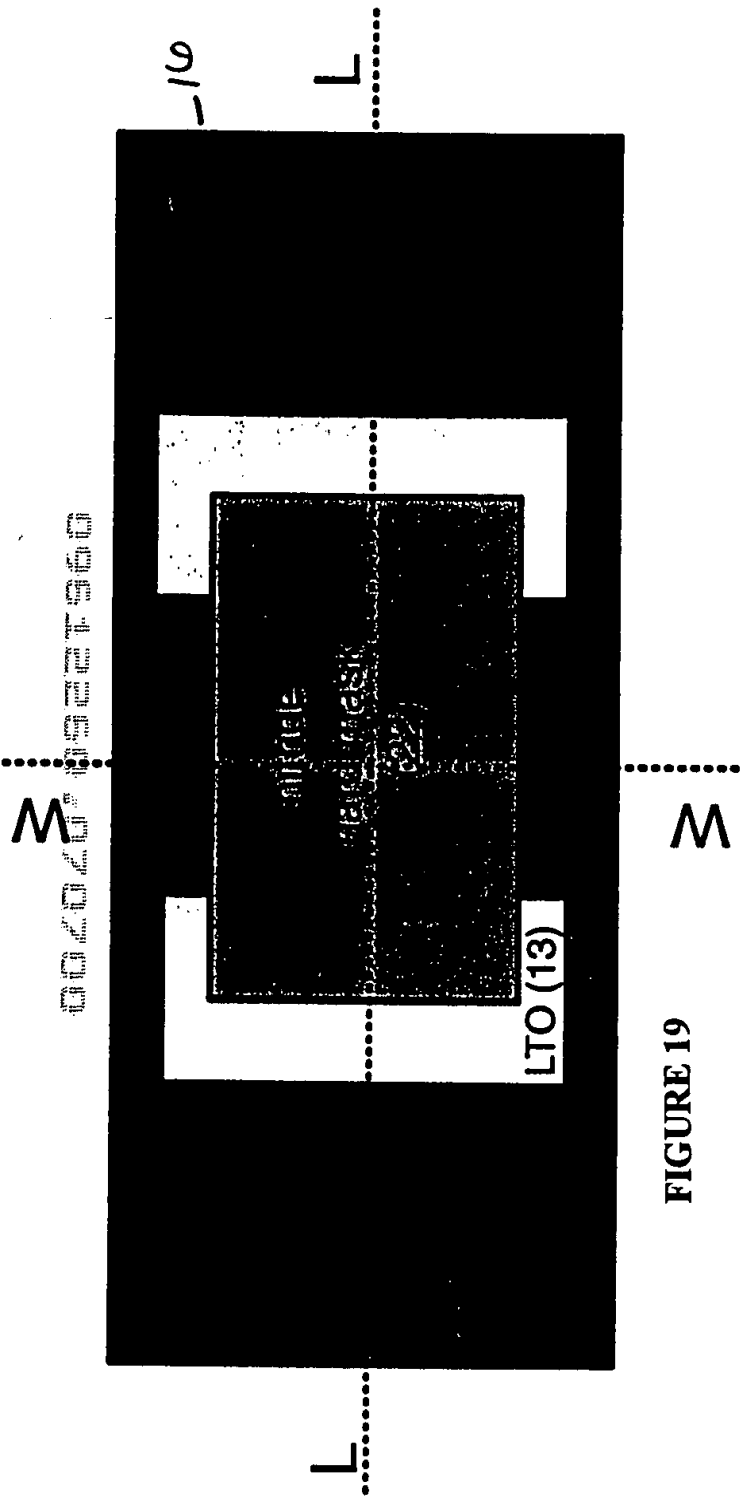


FIGURE 18



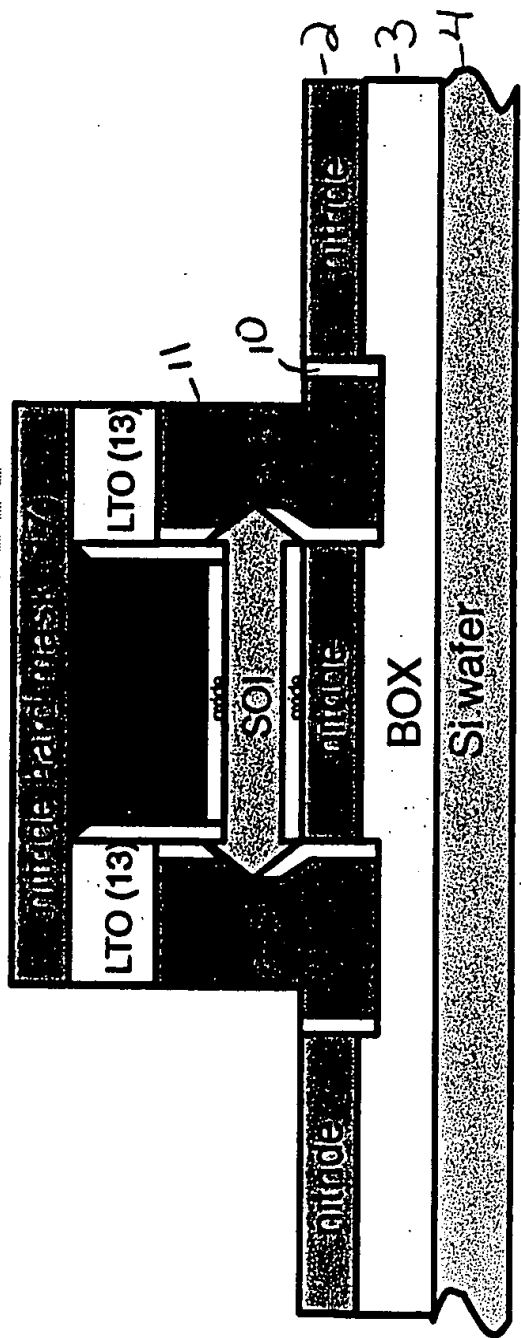


FIGURE 21

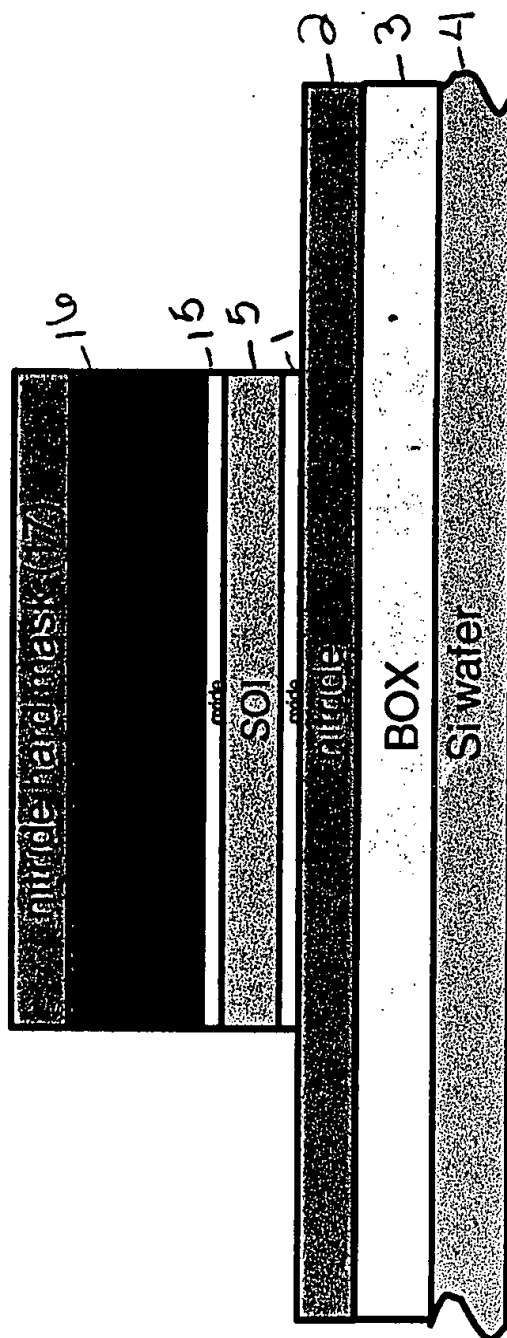


FIGURE 22

This cross-sectional view shows a semiconductor device structure. A central substrate is labeled "SOI" (Silicon on Insulator). Above the SOI, there are two regions labeled "LTO (13)" (Low Temperature Oxide). The top surface of the device is labeled "nitride" (10). The side walls of the device are labeled "side-wall (18)". The bottom of the device is labeled "BOX" (Buried Oxide). The entire structure is embedded in a "Si wafer" (Silicon wafer). The diagram includes numerical labels 1, 2, 3, and 4, which likely correspond to different layers or regions in the structure.

This diagram shows a cross-sectional view of a semiconductor device. The structure consists of several layers: a top layer labeled 'nitride hard mask (17)', a layer labeled 'SiO₂', and a bottom layer labeled 'nitride'. The top and bottom layers are labeled 'side-wall (18)'. The middle layer is labeled 'BOX' (Buried Oxide). The bottom layer is labeled 'Si wafer'. The layers are numbered 1, 2, 3, and 4 from top to bottom.

FIGURE 24

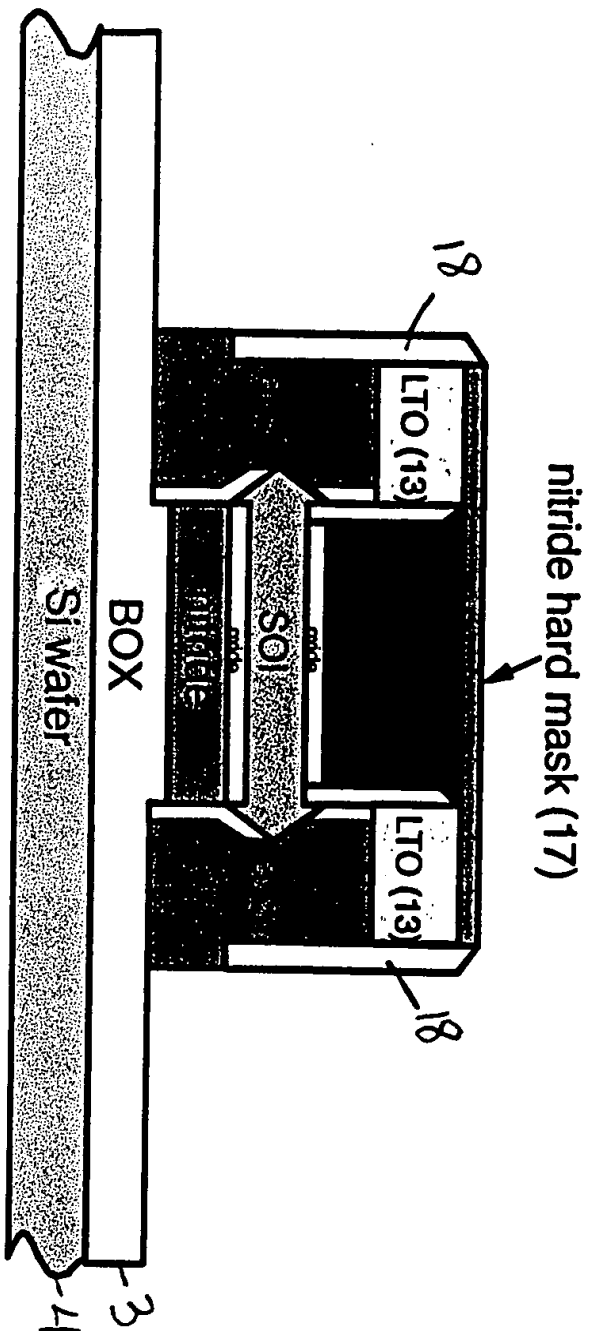


FIGURE 25

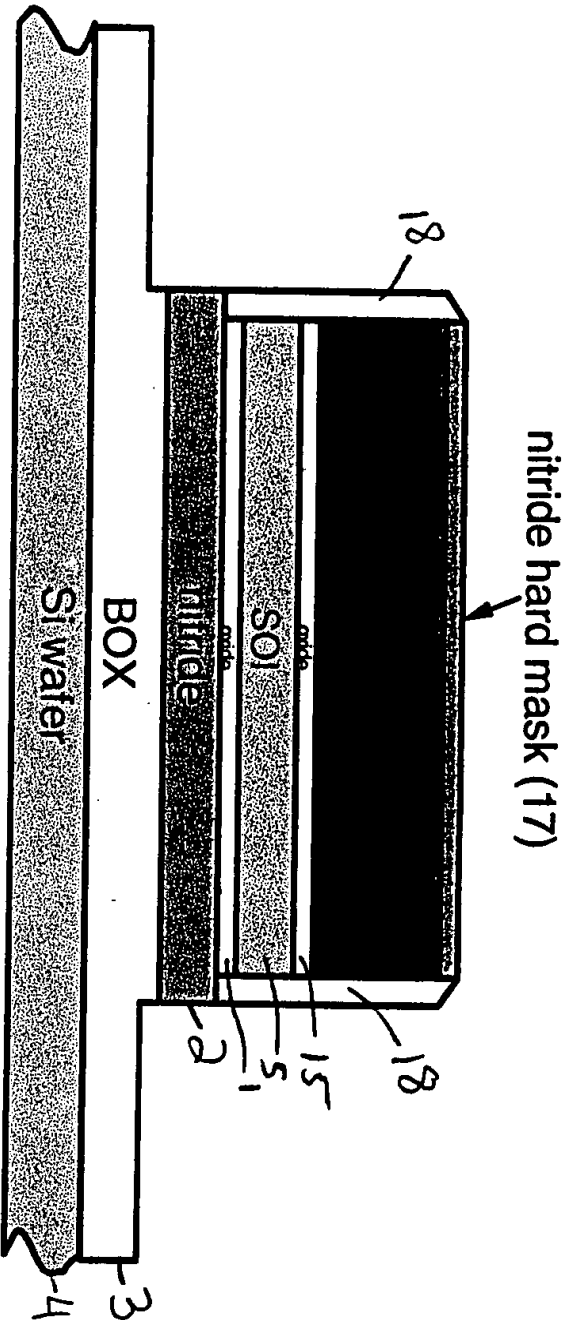
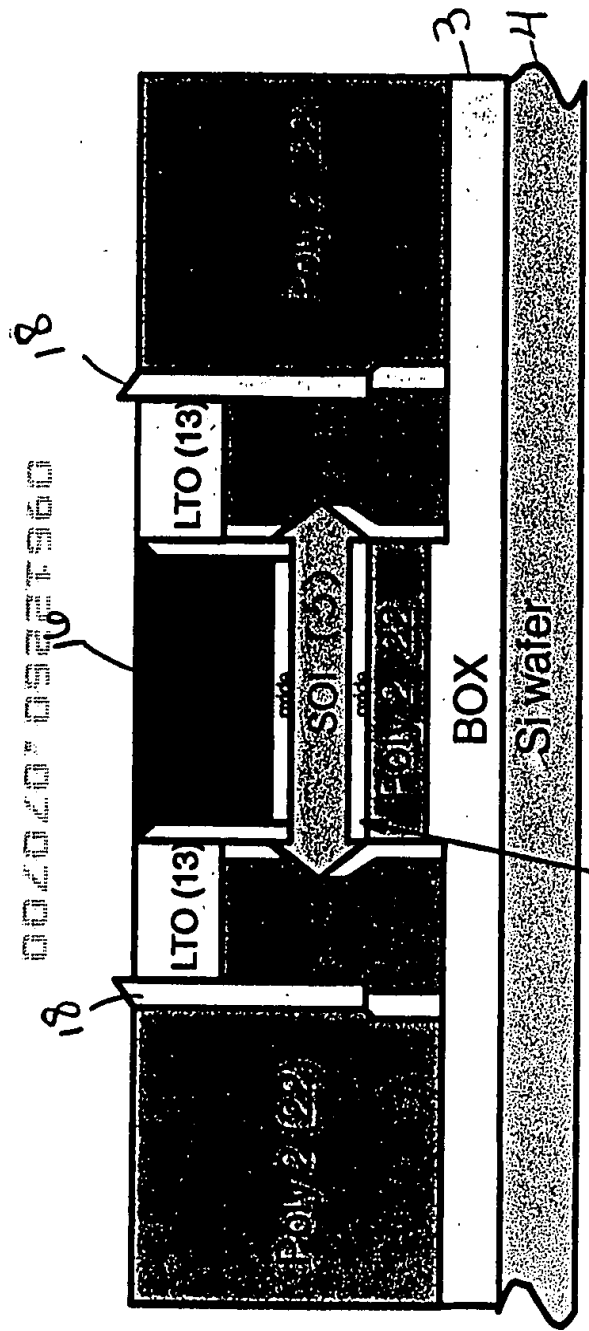


FIGURE 26



bottom gate oxide (21)

FIGURE 31

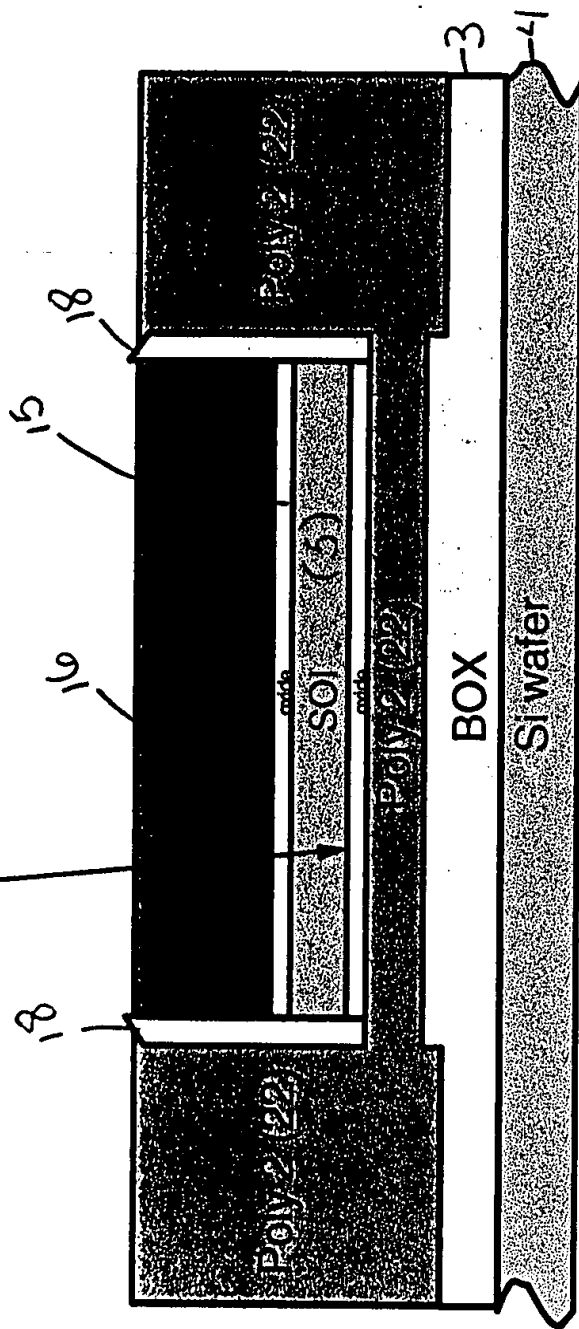


FIGURE 32

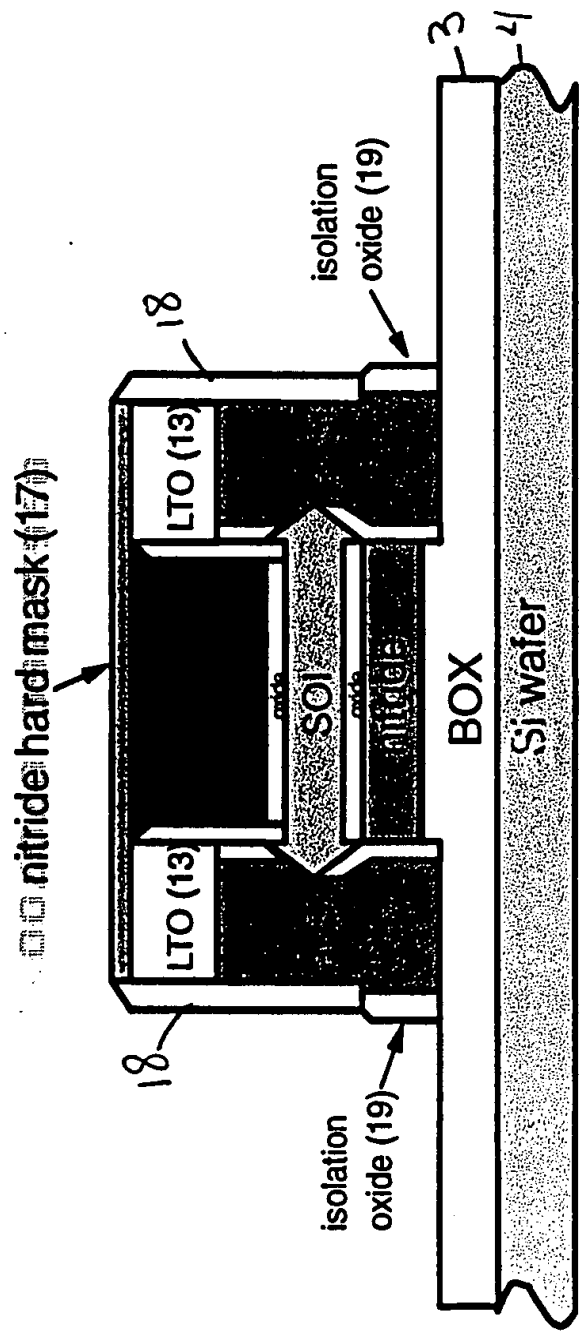


FIGURE 27

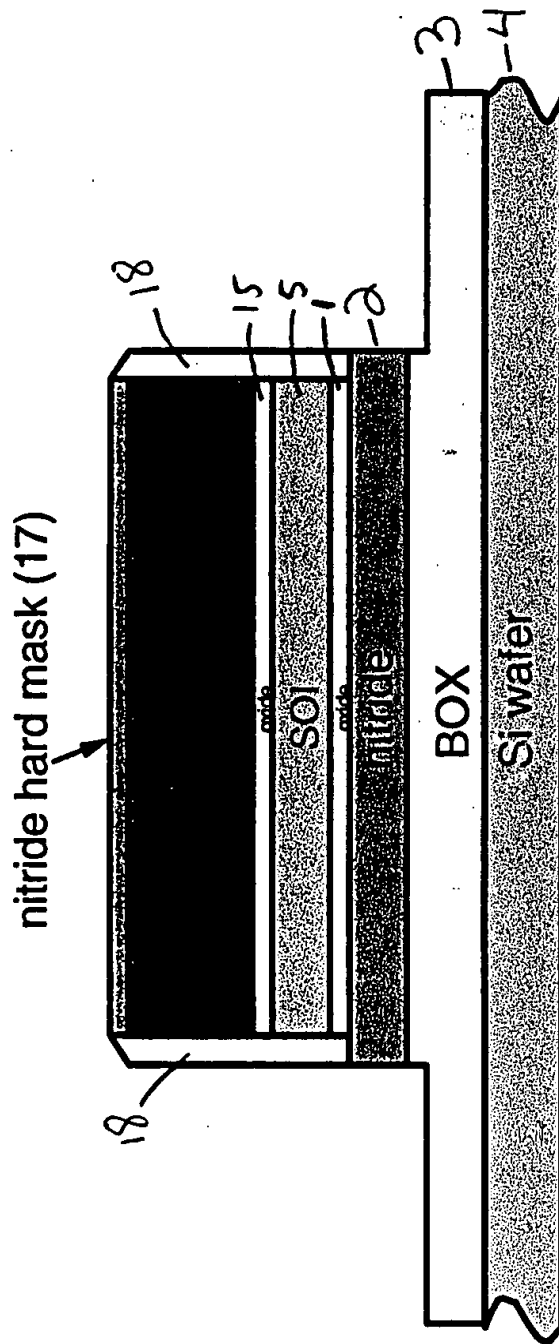


FIGURE 28

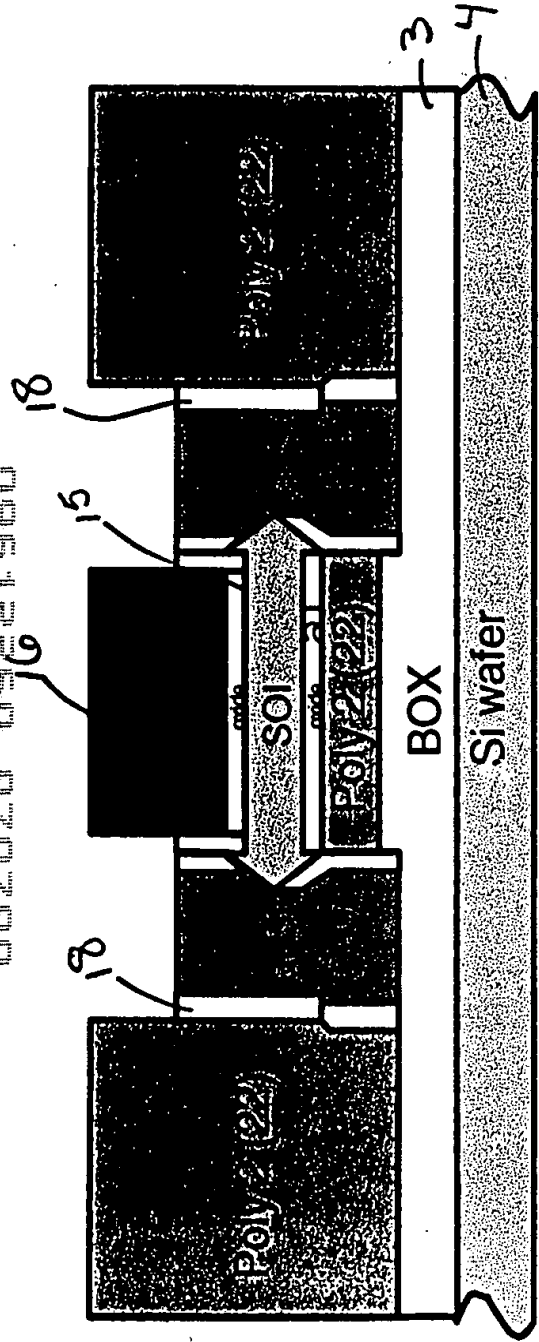


FIGURE 33

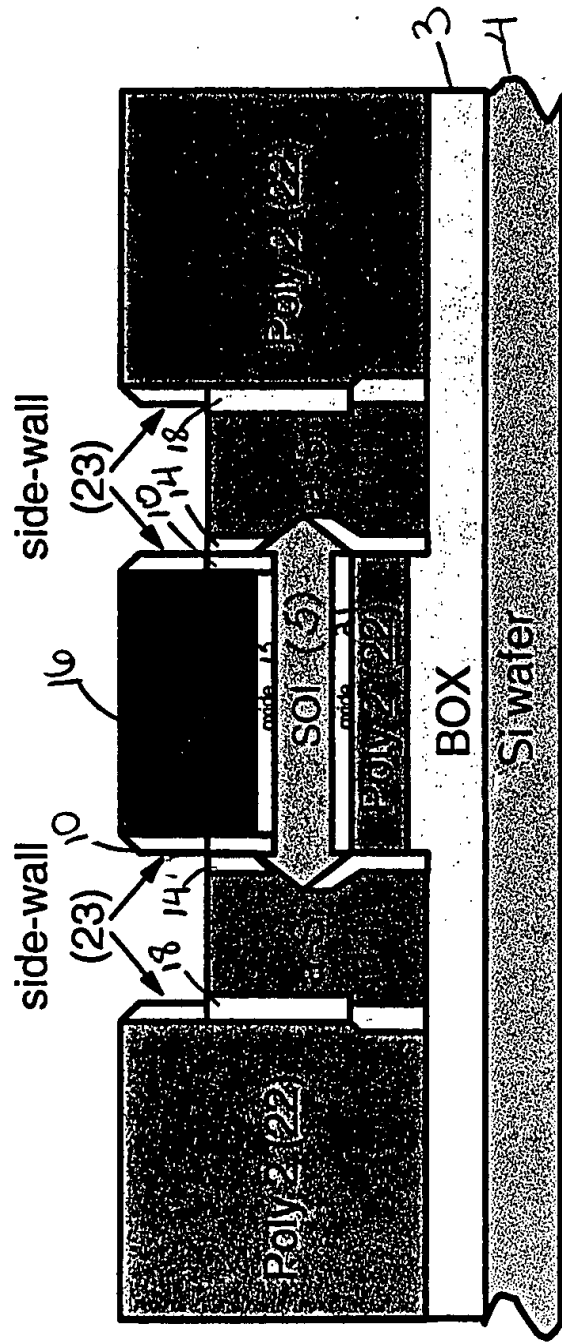


FIGURE 34

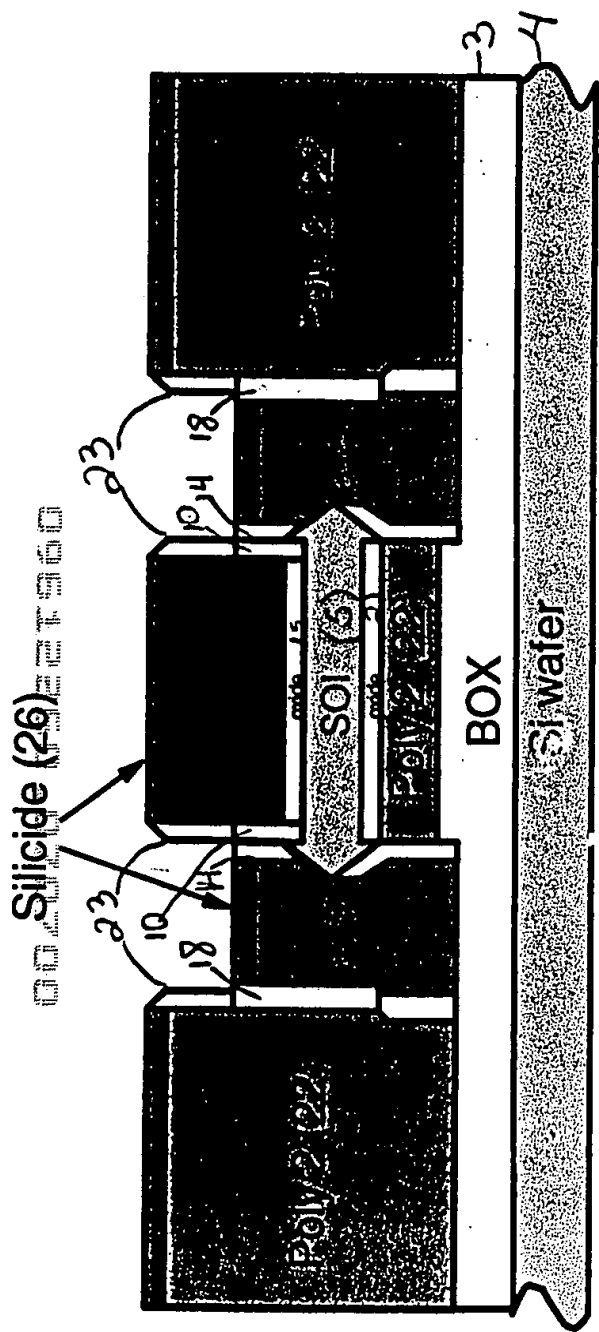


FIGURE 37

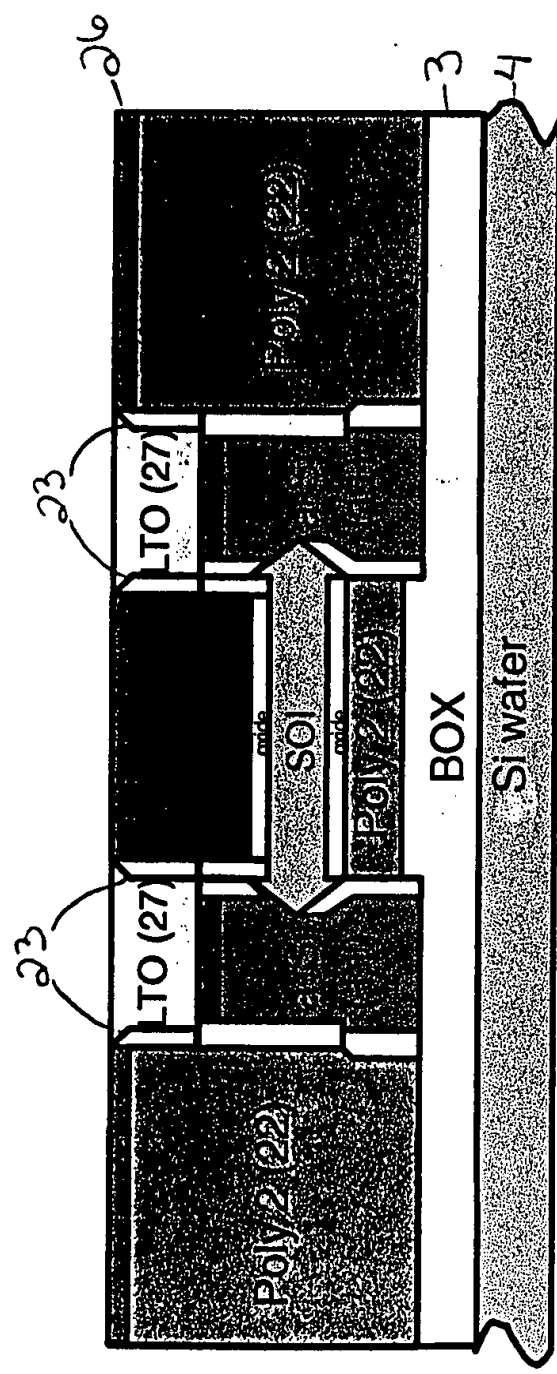


FIGURE 38

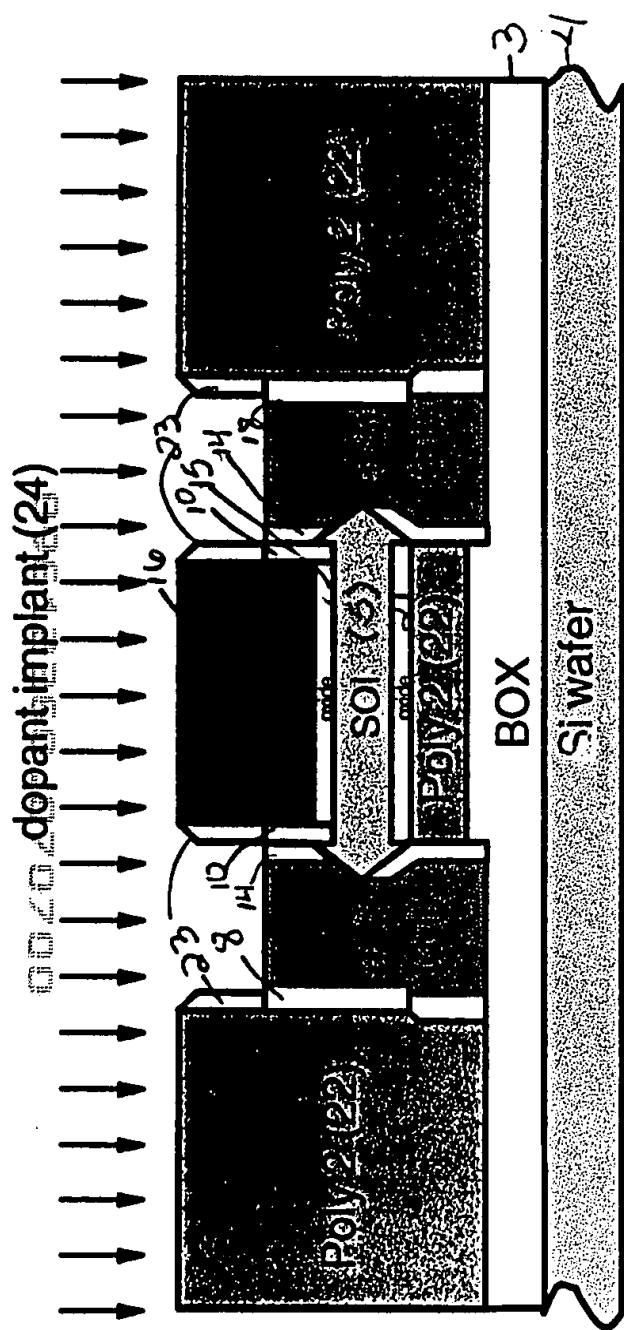


FIGURE 35

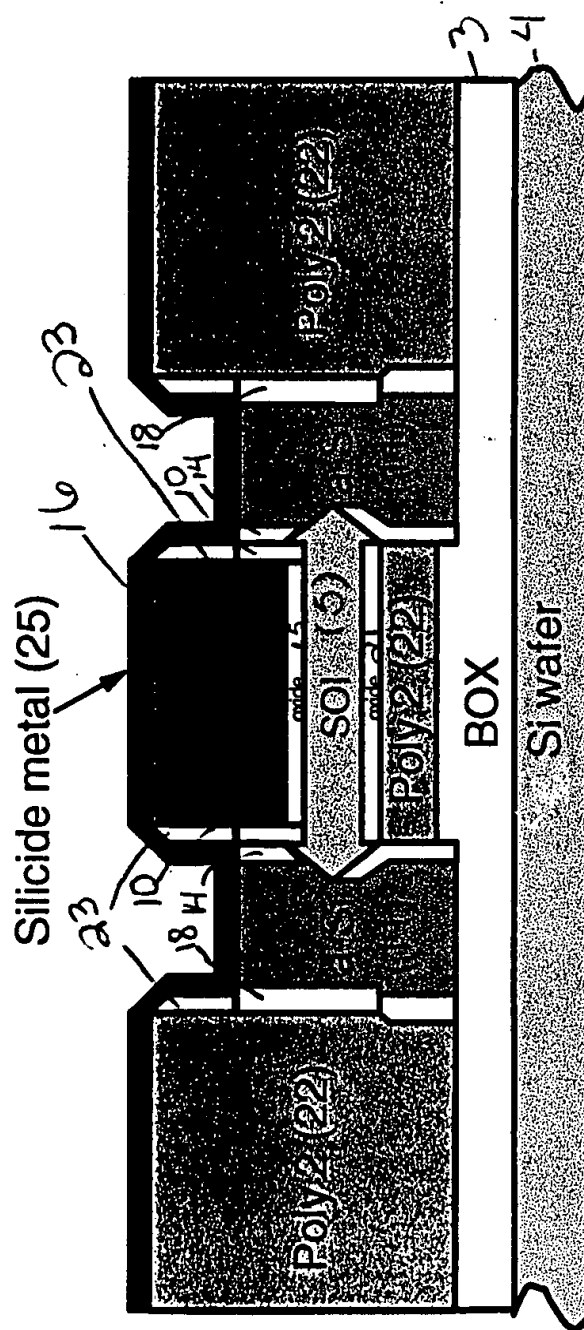


FIGURE 36

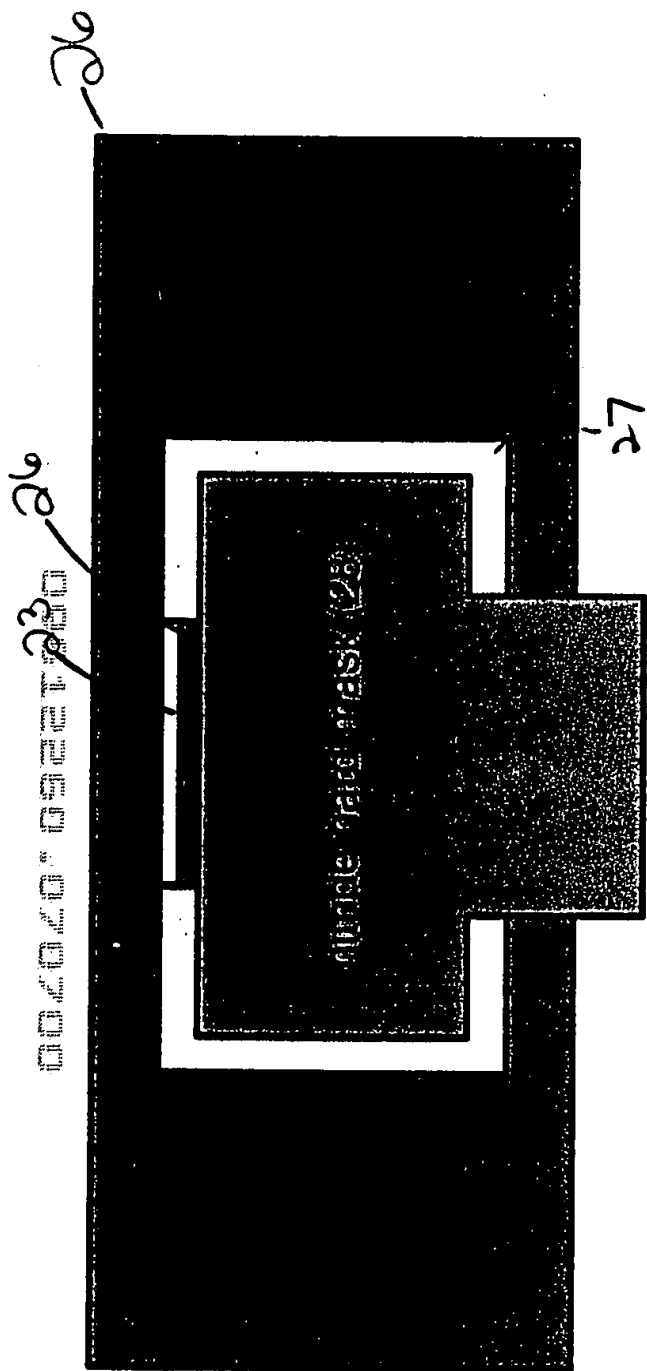


FIGURE 39

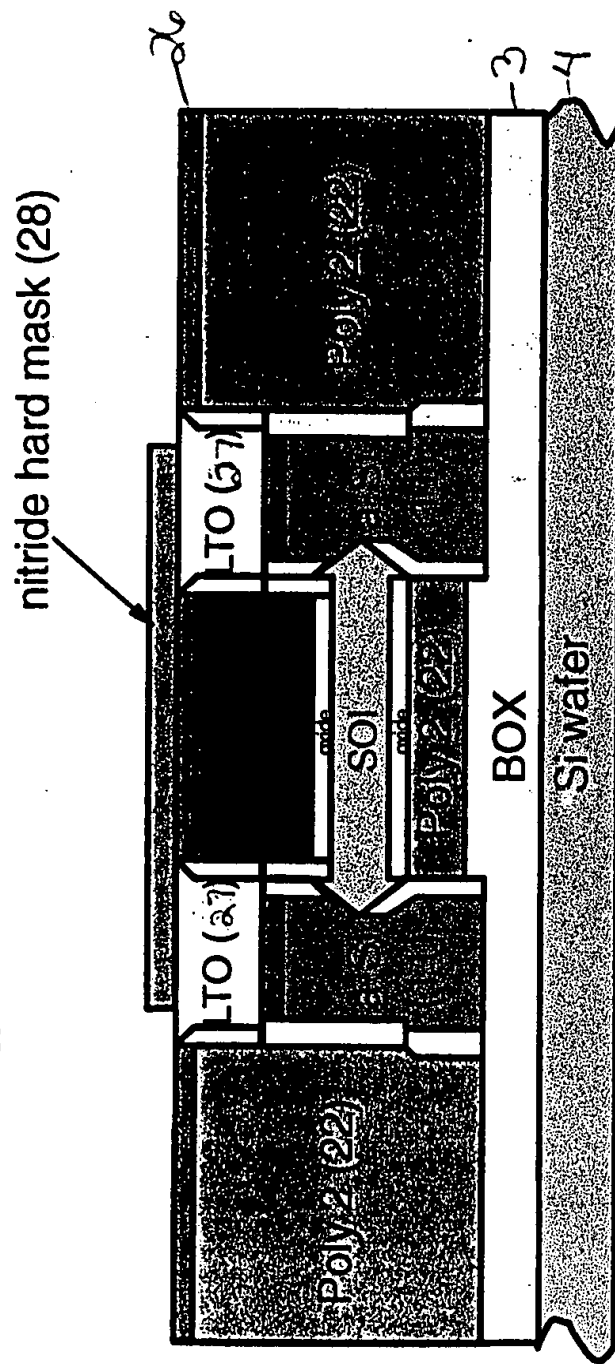


FIGURE 40

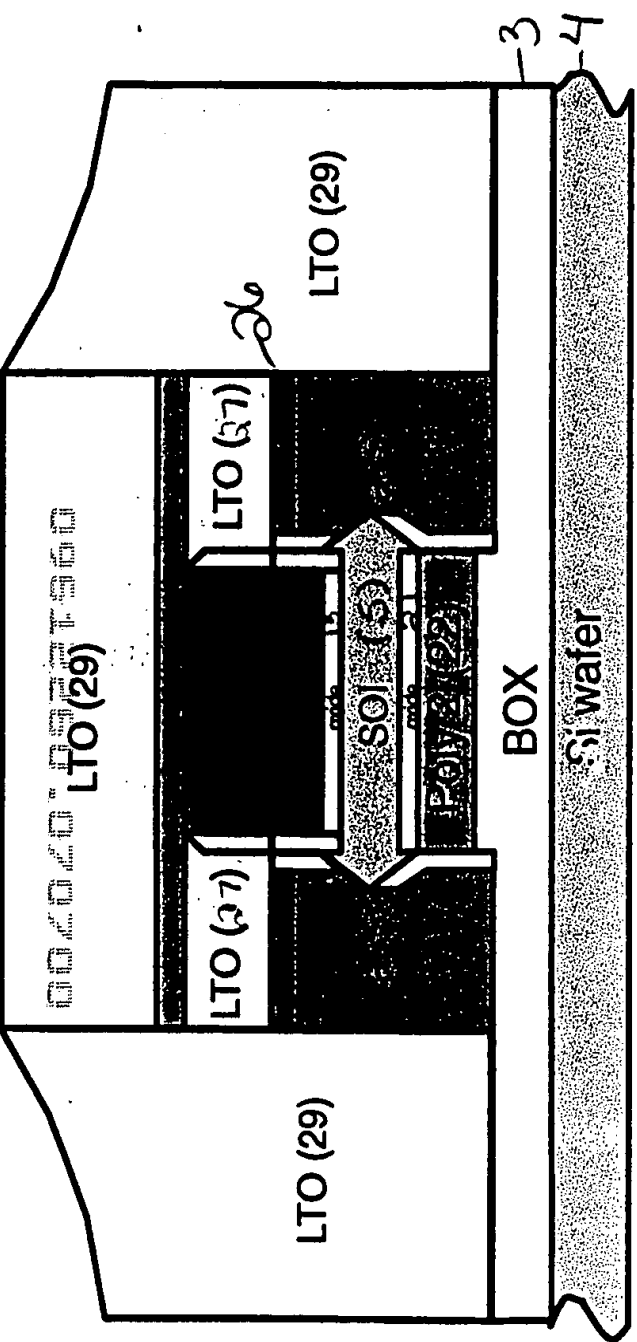


FIGURE 41

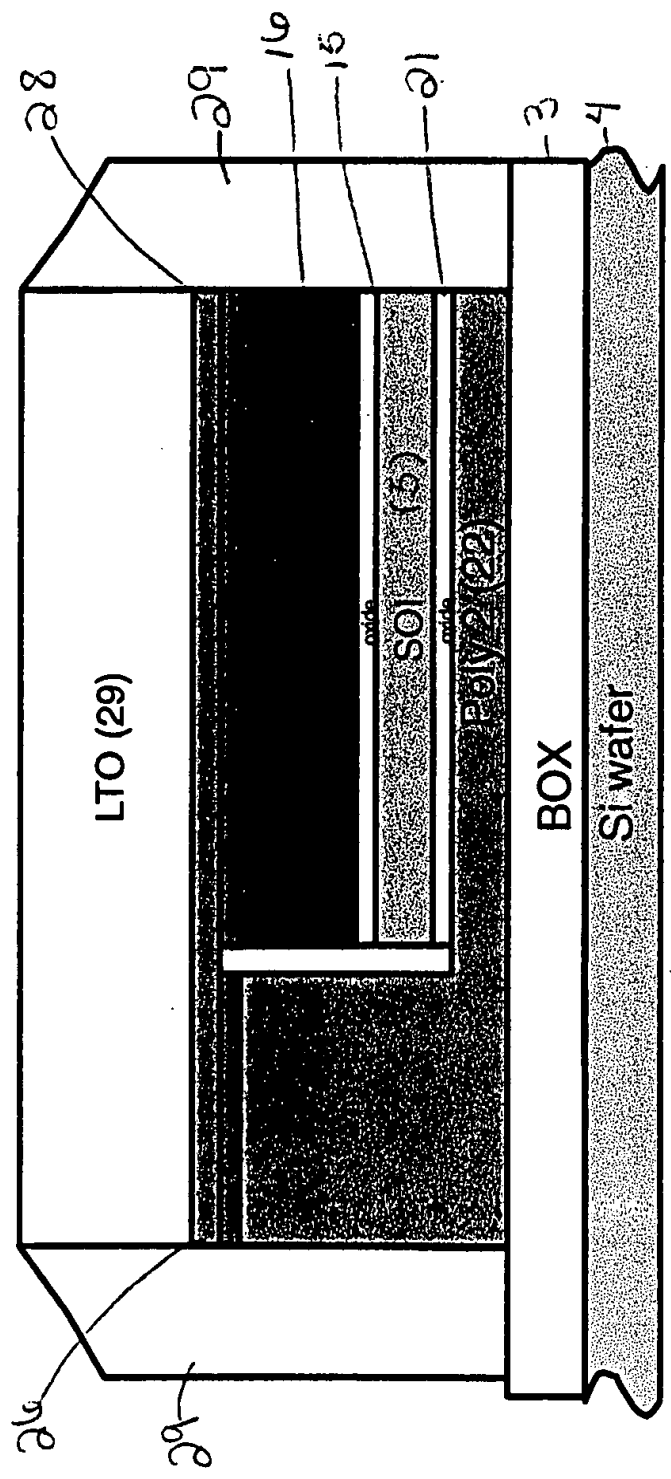


FIGURE 42

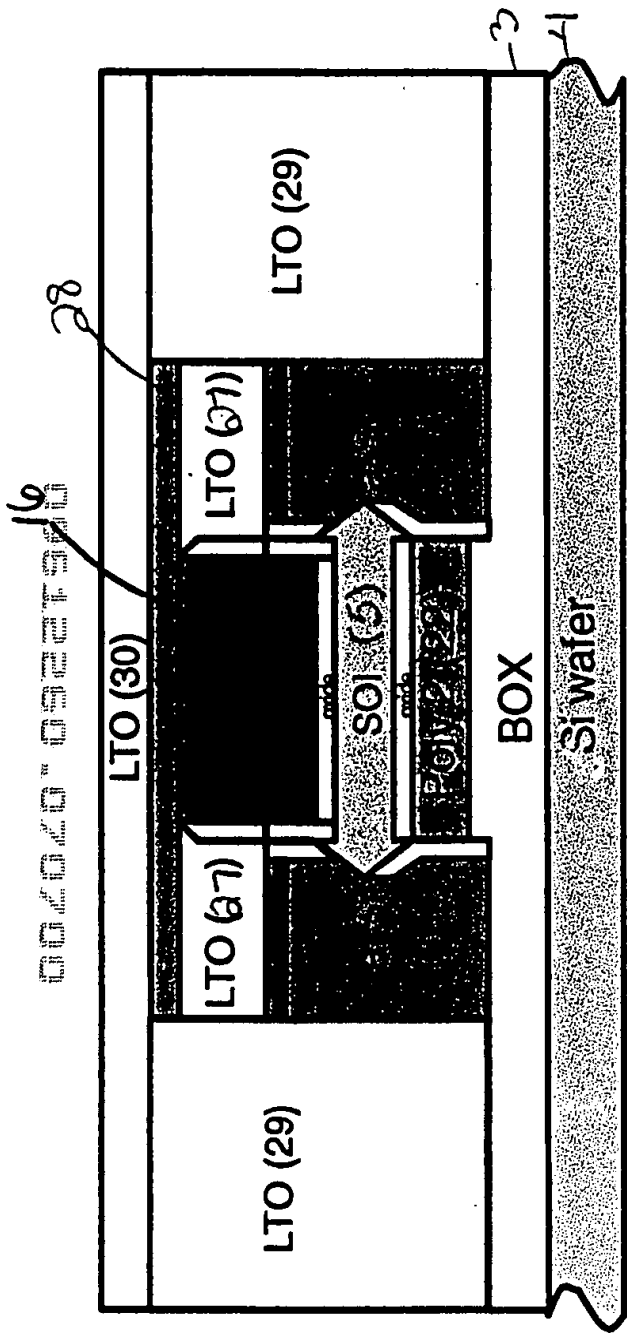


FIGURE 43

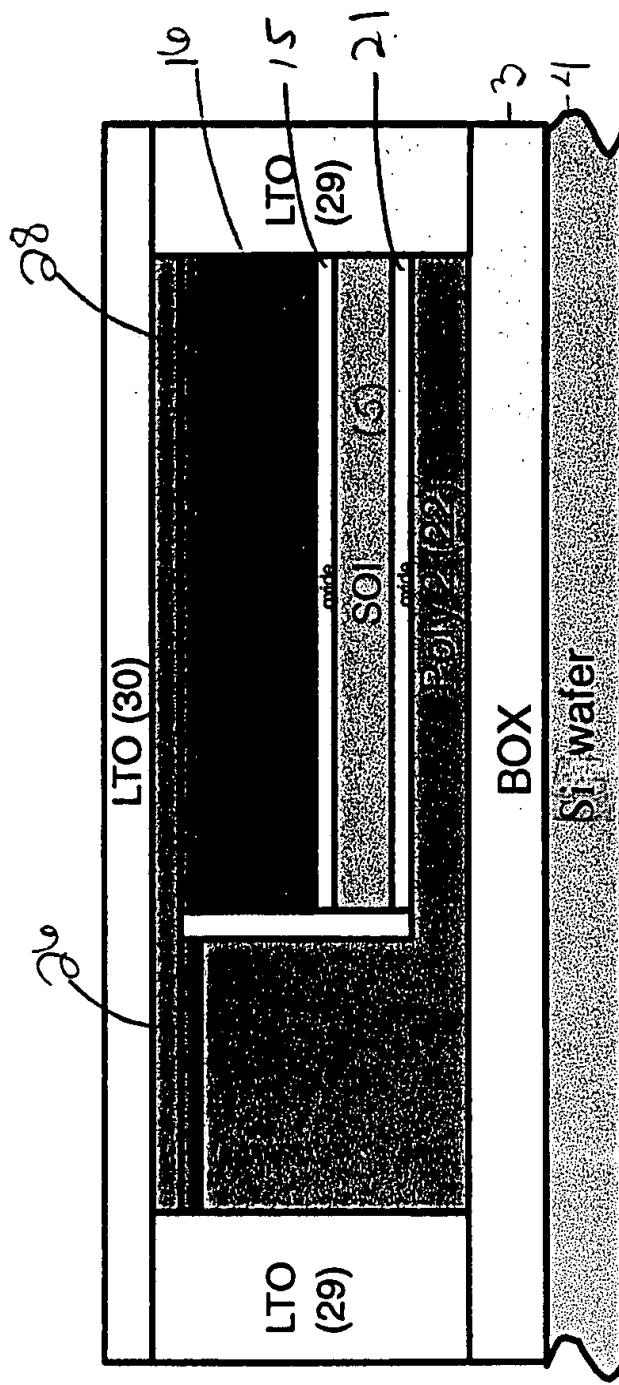


FIGURE 44

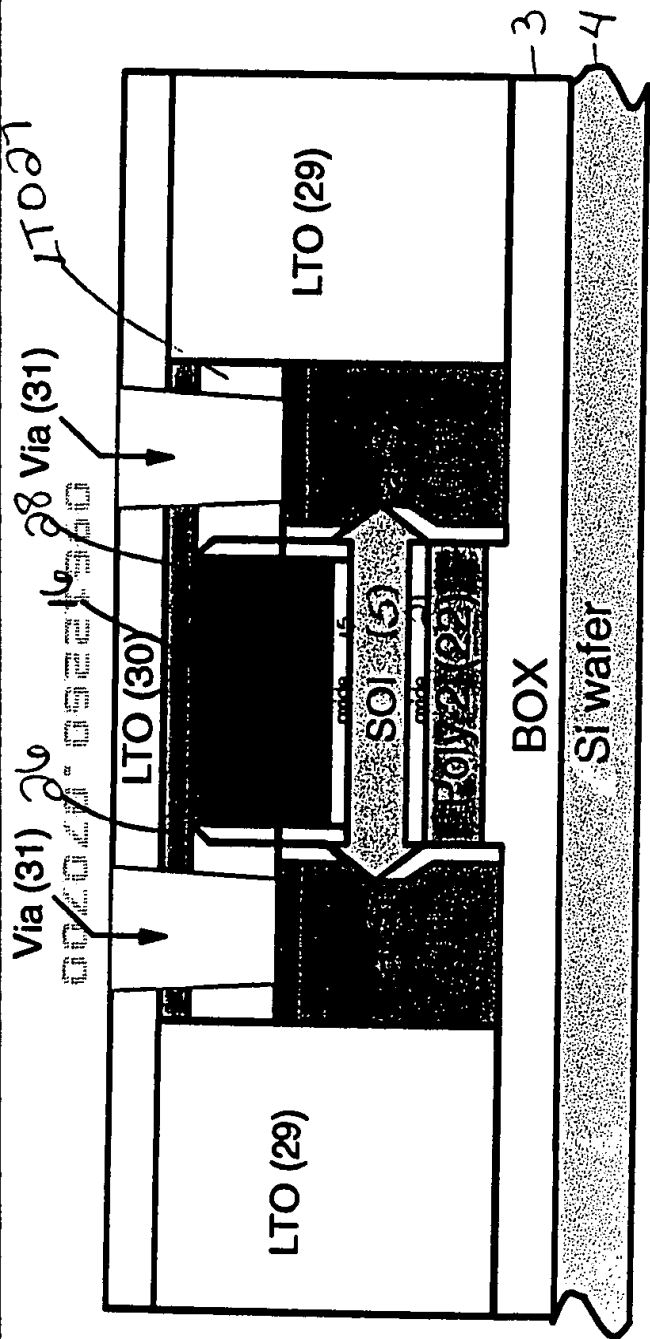


FIGURE 45

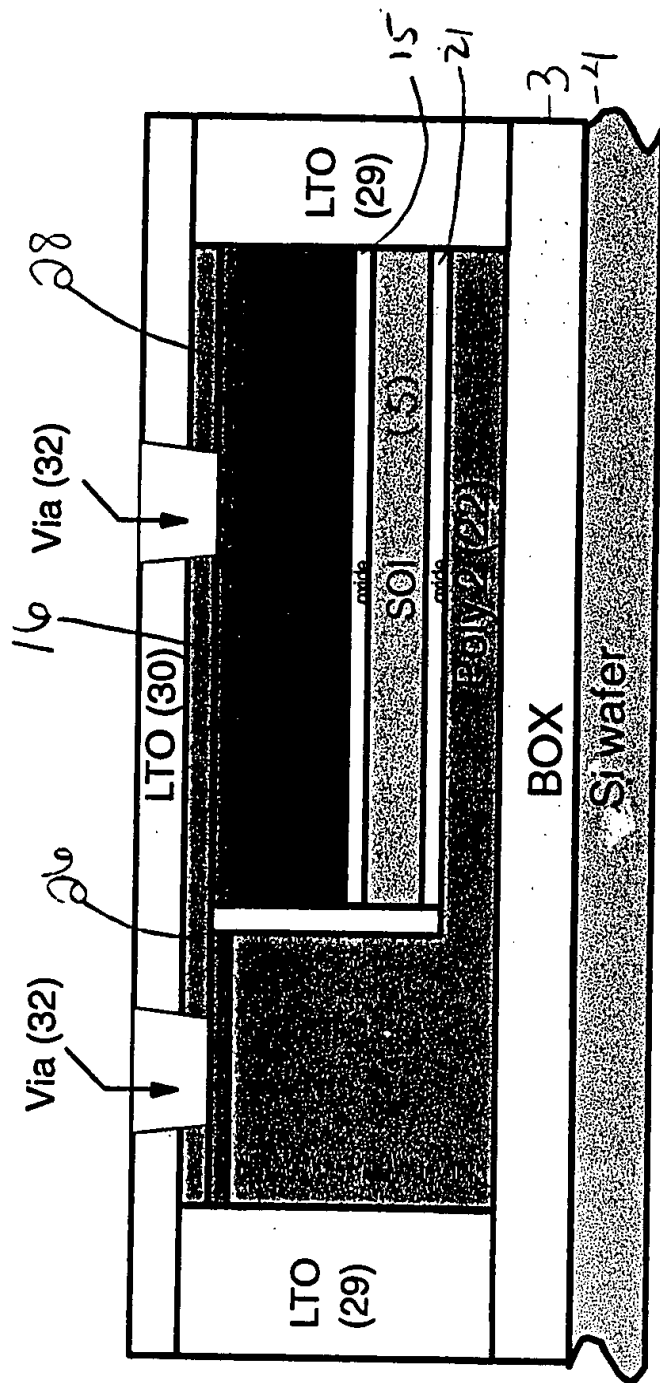


FIGURE 46

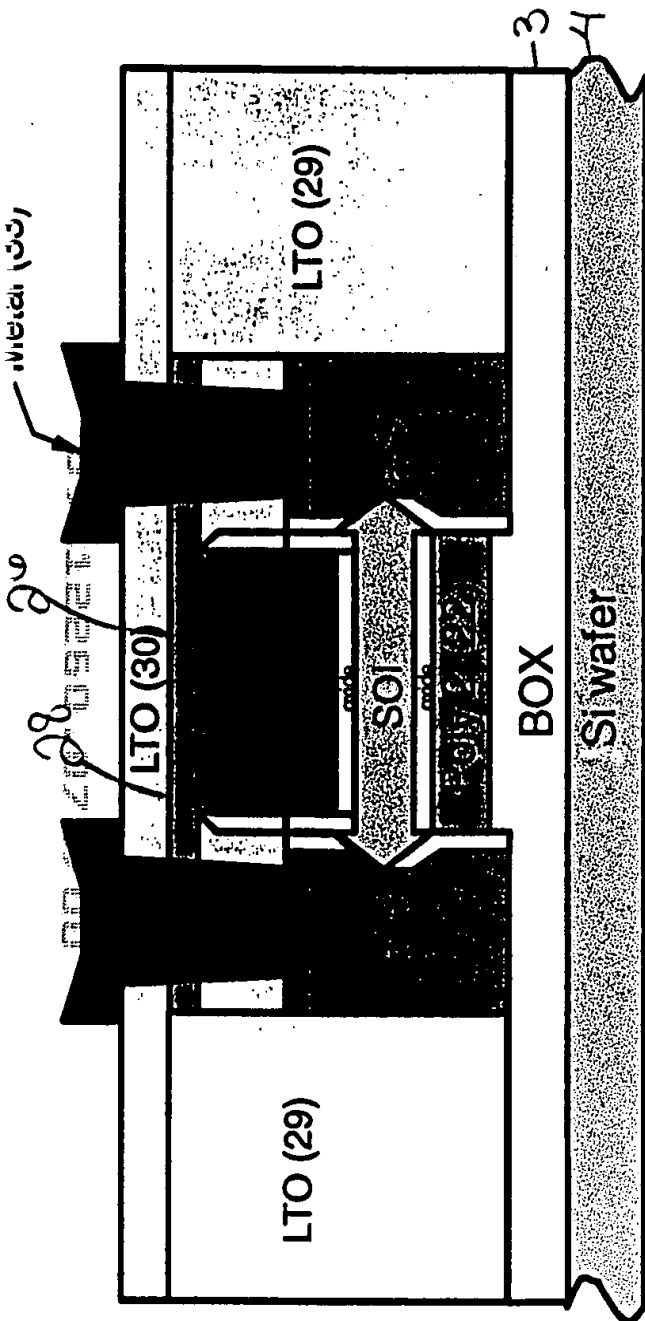


FIGURE 47

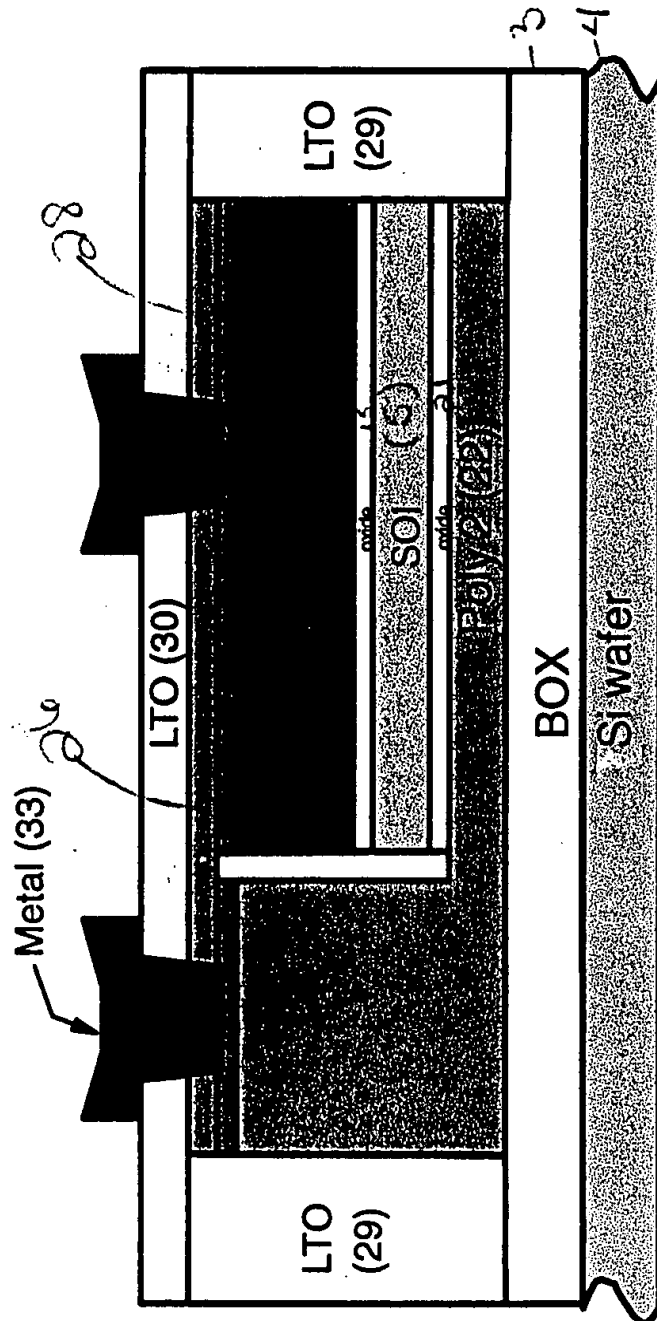


FIGURE 48

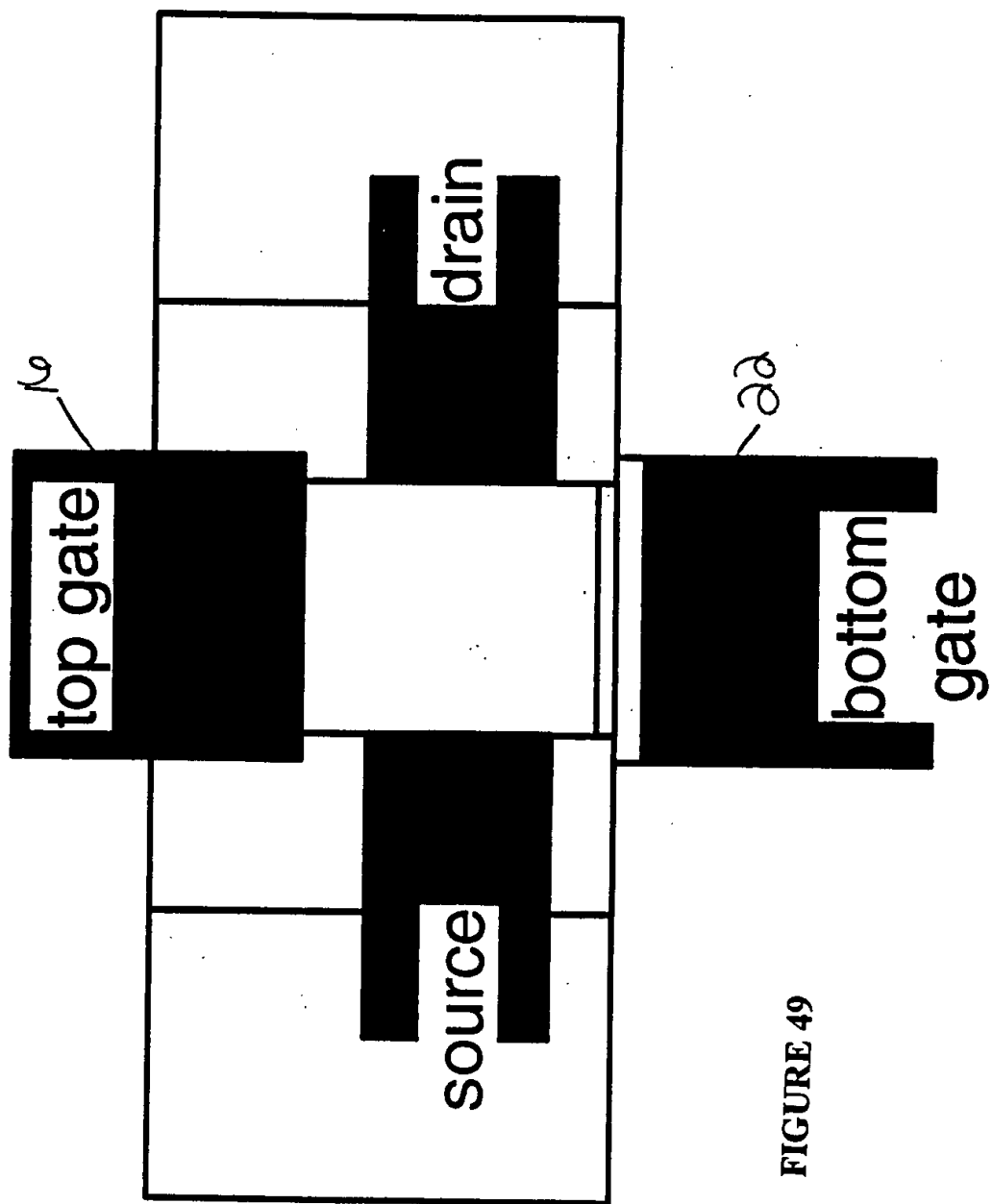


FIGURE 49